Amendments to the Drawings:
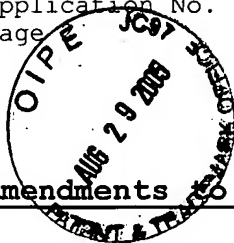
Figure 7 is amended to correct a minor typographical error.
Specifically, "Initiate" is amended to read --initialize--.

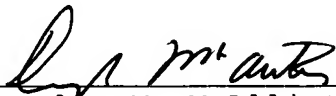Attachments: Replacement Sheet - Figure 7
                Annotated Sheet Showing Changes - Figure 7

REMARKS:

Entry of this Preliminary Amendment is respectfully requested.

Respectfully submitted,

Date: **August 25, 2005**
ATTORNEY DOCKET NO.: RGB-101

Douglas M. McAllister
Attorney for Applicant(s)
Registration No. 37,886
Lipsitz & McAllister, LLC
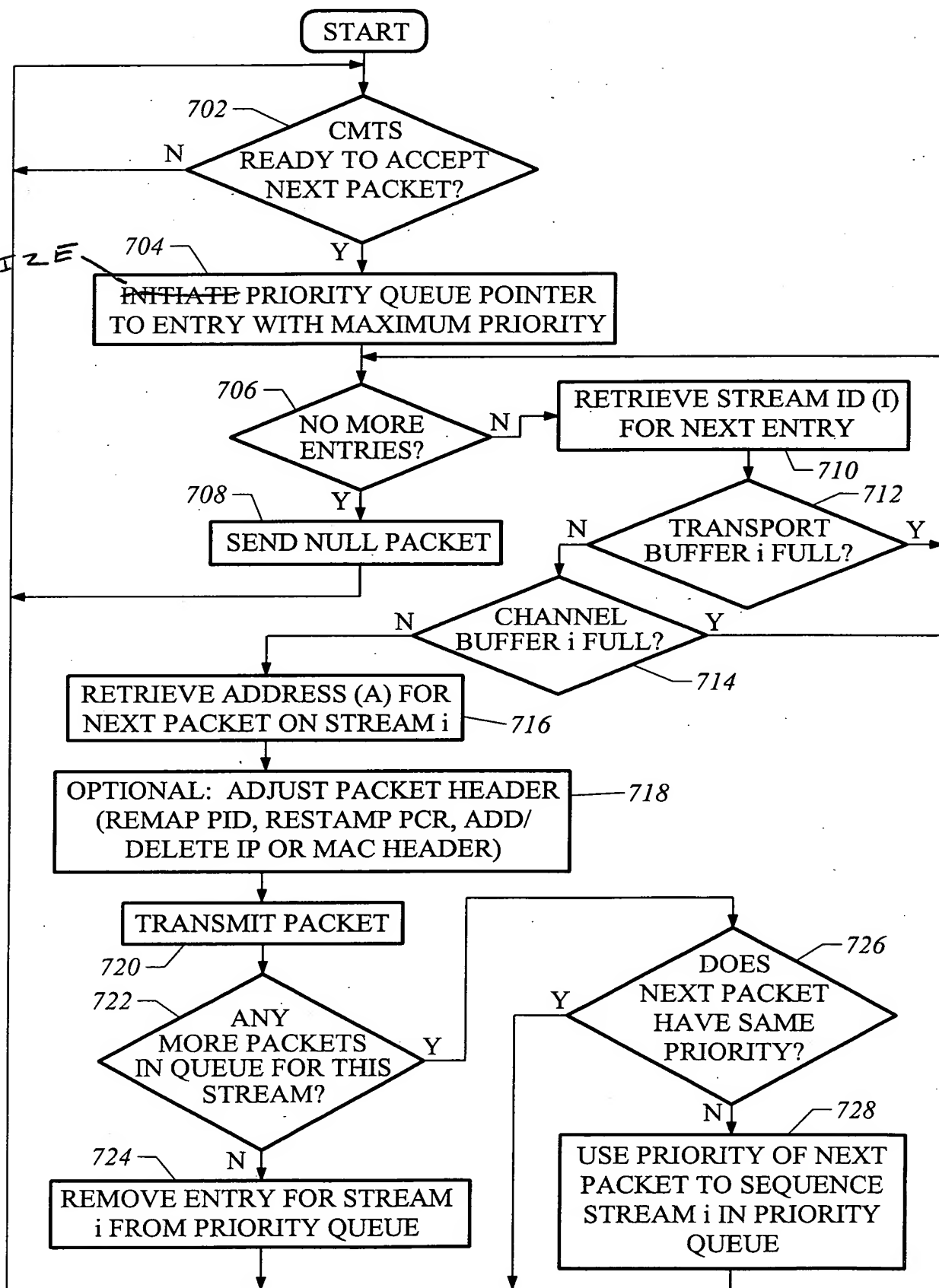755 Main Street
Monroe, CT 06468
(203) 459-0200

7/10

```
                          ┌──────────────┐
                          │    START     │
                          └──────────────┘
                                 │
                                 ▼
                702 ─┐      ╱╲──────────╲
              N    ╱  CMTS              ╲
          ◄───────╱  READY TO ACCEPT     ╲
                  ╲    NEXT PACKET?      ╱
                   ╲──────────────────╱
                          │ Y
                          ▼
      704 ─┐   ┌────────────────────────────────┐
INITIALIZE    │ INITIATE PRIORITY QUEUE POINTER │
              │  TO ENTRY WITH MAXIMUM PRIORITY │
              └────────────────────────────────┘
```

706 — NO MORE ENTRIES?

N → RETRIEVE STREAM ID (I) FOR NEXT ENTRY — 710

708 — SEND NULL PACKET

712 — TRANSPORT BUFFER i FULL?

714 — CHANNEL BUFFER i FULL?

RETRIEVE ADDRESS (A) FOR NEXT PACKET ON STREAM i — 716

OPTIONAL: ADJUST PACKET HEADER (REMAP PID, RESTAMP PCR, ADD/ DELETE IP OR MAC HEADER) — 718

TRANSMIT PACKET

720 —

722 — ANY MORE PACKETS IN QUEUE FOR THIS STREAM?

726 — DOES NEXT PACKET HAVE SAME PRIORITY?

728 — USE PRIORITY OF NEXT PACKET TO SEQUENCE STREAM i IN PRIORITY QUEUE

724 — REMOVE ENTRY FOR STREAM i FROM PRIORITY QUEUE

FIG. 7